

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 July 2004 (29.07.2004)

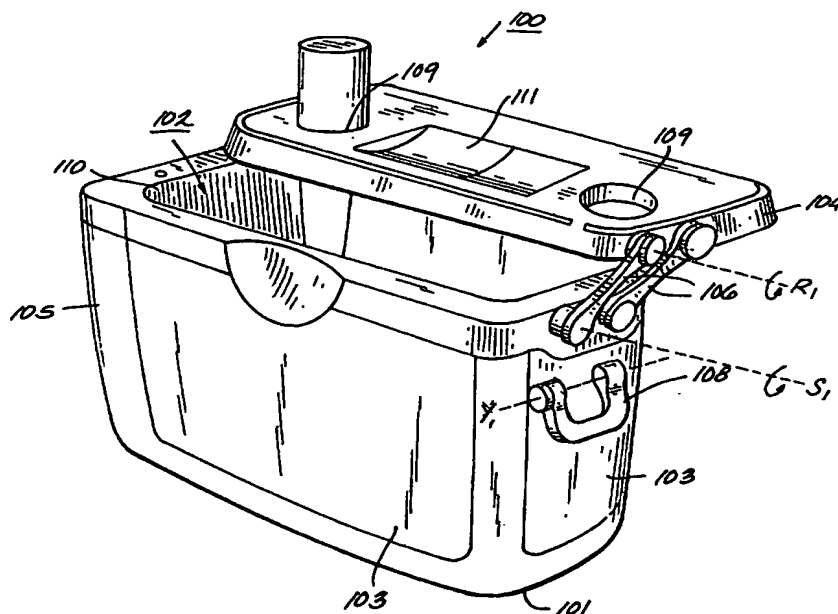
PCT

(10) International Publication Number
WO 2004/062394 A3

- (51) International Patent Classification⁷: **B65D 81/38** (74) Agent: MILLER, Thomas, A.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (21) International Application Number: PCT/US2004/000052
- (22) International Filing Date: 6 January 2004 (06.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/438,118 6 January 2003 (06.01.2003) US
- (71) Applicant (for all designated States except US): IDEAZ, LLC [US/US]; 904 Main Street, P.O. Box 14, South Glastonbury, CT 06073 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SENER, James [US/US]; 240 Farmstead Lane, Glastonbury, CT 06033 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: MULTI-PURPOSE COOLER



(57) Abstract: The cooler (100) apparatus can include a main body (105) having a base and sidewalls and a storage cavity defined in the main body and having an open end. The cooler apparatus can further include a lid (104) coupled to the main body and movable with respect to the main body between a first position in which the lid substantially covers the open end of the storage cavity and a second position in which the lid does not substantially cover the storage cavity. The lid can be positioned substantially horizontally in movement between the first and second position.

WO 2004/062394 A3



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

7 July 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/00052

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65D 81/38

US CL : 220/592.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1,059,221A (SAYLOR) 15 April 1913 (15.04.1913), Fig. 1	1, 4-6, 12-15, 21-24
---		-----
Y		7-11, 18-20, 25, 26-33
Y	US 2001/0027980 A1 (PERKINS et al) 11 October 2001 (11.10.2001), Figs. 1, 8 and 9,	7-11, 18-20, 25, 26,
Y	US 6,216,488B1 (RUCKER) 17 April 2001 (17.04.2001), Fig. 1	27-33
Y	US 6,357,252B1 (RAND) 19 March 2002 19.03.2002), Figs. 1-5	2, 3, 16,
		10, 11

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

18 April 2005 (18.04.2005)

Date of mailing of the international search report

19 MAY 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Joseph C. Merck

Telephone No. (571) 272-4542

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/00052

Continuation of B. FIELDS SEARCHED Item 1:
220/592.2,592.25,765,762,764,915.1
915.2;62457.1,457.7